

BIEN 550. BIOMOLECULAR DEVICES.

Credits: 3

Offered by: Bioengineering (Faculty of Engineering)

Terms offered: Fall 2025

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Description

Fundamentals of motor proteins in neuronal transport, force generation e.g. in muscles, cell motility and division. A survey of recent advances in using motor proteins to power nano fabricated devices. Principles of design and operation; hands-on-experience in building a simple device.

- Prerequisite: Permission of instructor.
- (3-1-5)

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